UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,784,179 B2
DATED : August 31, 2004
INVENTOR(S) : Daugan

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,
Item [30], **Foreign Application Priority Data**, "9401090" should be -- 9401090.7 --
Item [56], **References Cited**, U.S. PATENT DOCUMENTS, fourth reference, "514/269" should be -- 514/267 --
Item [57], **ABSTRACT**,
Line 21, "(CGMP" should be -- (cGMP --

Column 1,
Line 23, "CGMP" should be -- cGMP --

Column 4,
Line 41, "R^1" should be -- R^1, --
Line 64, "5yl)" should be -- 5-yl) --

Column 5,
Line 4, "methylenedioxyphenyl)pyrazino" should be -- methylenedioxyphenyl)-pyrazino --
Line 6, "cyclopentyl(3,4-" should be -- cyclopentyl-6-(3,4- --
Line 12, "Hexahydro-6(3-" should be -- Hexahydro-6-(3- --
Line 64, "a compound of formula (I)," should be -- 'a compound of Formula (I)' --

Column 8,
Line 49, "cis i" should be -- cis isomers --

Column 10,
Line 28, "(VII)" should be -- (VIII) --

Column 12,
Line 27, "ethoxyphenyl" should be -- methoxyphenyl --
Line 50, "5yl)" should be -- 5-yl) --
Line 58, "ethylenedioxyphenyl" should be -- ethylenedioxyphenyl) --

Column 13,
Line 8, "4-2, chlorobenzaldehyde" should be -- 4-chlorobenzaldehyde --
Line 42, "H4);" should be -- H-4; --
Line 62, "indole-carboxylate" should be -- indole-3-carboxylate --

Column 14,
Line 2, "thienyl))" should be -- thienyl) --
Line 24, "H4);" should be -- H-4); --
Lines 53-54, "4-cyanophenyl)-9H-pyrido[3,4-b]indol-" should be -- (4-cyanophenyl)-9H-pyrido[3,4-b]indole- --
Line 67, "H4)." should be -- H-4). --

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Column 15,
Lines 2-3, "methoxyphenyl)9H" should be -- methoxyphenyl)-9H --
Line 66, "[3,4b]" should be -- [3,4-b] --

Column 16,
Line 5, "H4)" should be -- H-4) --
Line 6, "Solid" should be -- solid --
Line 20, "NaHCO3" should be -- $NaHCO_3$ --
Line 48, "m.p. 219" should be -- m.p.: 219 --
Line 54, "methoxyphenyl) 9H" should be -- methoxypheny)-9H --

Column 17,
Line 5, "m.p. 204°C." should be -- m.p.: 204°C. --
Line 8, "pyridor" should be -- pyrido --
Line 48, "NaHCO3," should be -- $NaHCO_3$, --
Line 65, "-1-3,4-" should be -- -1-(3,4- --

Column 18,
Line 44, "84.40°" should be -- 84.4° --

Column 19,
Lines 20 and 21, "methylenedioxyphenyl-9H" should be -- methylenedioxyphenyl)-9H --
Line 38, "dropwide" should be -- dropwise --
Line 50, "methylenedioxyphenyl-9H" should be -- methylenedioxyphenyl)-9H --

Column 20,
Line 25, "m.p. 124" should be -- m.p.: 124 --
Line 67, "0,35 g" should be -- 0.35 g --

Column 21,
Line 2, "dicyciohexylurea" should be -- dicyclohexylurea --
Line 10, "-1-3,4- methylenedioxyphenyl" should be -- -143,4- methylenedioxyphenyl --
Line 15, "0,7 g" should be -- 0.7 g --
Line 57, "methylenedioxyohenyl" should be -- methylenedioxyphenyl --

Column 22,
Line 3, "Oil" should be -- oil --
Line 16, "m.p. 253" should be -- m.p.: 253 --
Lines 24-25, "-6-4-methoxyphenyl)" should be -- -6-(4-methoxyphenyl) --
Line 35, "2-methyl(3,4-" should be -- 2-methyl-6-(3,4- --
Line 48, "methylenedioxyohenyl" should be -- methylenedioxyphenyl --
Line 59, "-2-2,2,2-trifluoroethyl)-" should be -- -2-(2,2,2-trifluoroethyl)- --

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Column 23,
Line 26, "2-methyl(3,4-" should be -- 2-methyl-6-(3,4- --
Line 39, "[2',1'-6,1]" should be -- [2', 1':6,1] --
Lines 41-42, "2-2-pyridyl)" should be -- 2-(2-pyridyl) --

Column 24,
Line 19, "methylenedioxyrhenyl" should be -- methylenedioxyphenyl --
Line 42, "-6-3,4-" should be -- -6-(3,4- --
Line 56, "indole-1.4" should be -- indole-1,4 --
Line 63, "0.21%." should be -- 10.21% . --
Line 66, "pyazino" should be -- pyrazino --

Column 25,
Lines 3 and 4, "m.p. 290" should be -- m.p.: 290° --
Line 9, "2-butyl(3,4-" should be -- 2-butyl-6-(3,4- --
Line 54, "-6-3,4-" should be -- -6-(3,4- --
Line 65, "-6-3,4- methylenedioxyohenyl)-" should be -- -6-(3,4- methylenedioxyphenyl)- --

Column 26,
Line 4, "m.p. 285" should be -- m.p.: 285 --
Line 19, "C69.54;" should be -- C, 69.54; --
Lines 54-55, "-2-2,2,2-trifluoroethyl)pyrazino[2'1':6,1]" should be -- -2-(2,2,2-trifluoroethyl)pyrazino[2',1':6,1] --
Line 66, "Pyrazino" should be -- pyrazino --

Column 27,
Lines 9-10, "-6-4-methoxyphenyl)" should be -- -6-(4-methoxyphenyl) --
Line 62, "70.93." should be -- 70.93; --

Column 28,
Line 22, "-6-2,3-" should be -- -6-(2,3- --
Line 34, "(3,4ethylenedioxyphenyl)" should be -- (3,4-ethylenedioxyphenyl) --

Column 29,
Line 9, "-6-4-chlorophenyl)" should be -- -6-(4-chlorophenyl) --
Line 10, "1,4dione" should be -- 1,4-dione --
Line 31, "[2'1':6,1]" should be -- [2',1':6,1] --
Line 48, "m.p. 193" should be -- m.p.: 193 --
Line 66, "-6-naphthyl-" should be -- -6-naphthyl) --

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Column 30,
Line 22, "naphthyl))" should be -- naphthyl) --
Line 28, "(0.25 H_2O);" should be -- (0.25 H_2O): --
Line 54, "-6-bromo" should be -- -6-(5-bromo --

Column 31,
Line 7, "[3,4b]" should be -- [3,4-b] --
Lines 30 and 41, "[2'140:6,1]" should be -- [2',1':6,1] --

Column 32,
Line 28, "(4-methylphenyl-" should be -- (4-methylphenyl)- --
Line 53, "methano" should be -- methanol --
Line 57, "C, 71.42.H," should be -- C, 71.42; H, --
Line 60, "[3,4-b[" should be -- [3,4-b] --
Line 65, "H21" should be -- H_{21}--

Column 33,
Line 23, "19.50%" should be -- 9.5% --
Line 38, "hexahydro--6" should be -- hexahydro-6 --
Line 39, "[3,4b]" should be -- [3,4-b] --
Line 51, "indole-1.4-dione" should be -- indole-1, 4-dione --

Column 34,
Line 7, "-6-ethylphenyl)-" should be -- -6-(4-ethylphenyl)- --
Line 17, "(4 ethylphenyl)" should be -- (4-ethylphenyl) --
Line 39, "-6-4-nitrophenyl)-" should be -- -6-(4-nitrophenyl)- --
Line 50, "]3,4-b]" should be -- [3,4-b] --

Column 35,
Line 11, "NaHCO3." should be -- $NaHCO_3$ --
Line 15, "-1-3,4-methylenedioxyphenyl)-" should be -- -1-(3,4-methylenedioxyphenyl --

Column 36,
Line 8, "methylenedioxyohenyl)" should be -- methylenedioxyphenyl) --
Line 16, "C, 70.13.H, 5.67.N, 9.42%." should be -- C, 70.13; H, 567; N, 9.42%. --
Line 42, "$[\alpha]_D^{20°}$+54.1°" should be -- $[\alpha]_D^{20°}$=54.1° --
Line 46, "[3,4b]" should be -- [3,4-b] --
Line 48, "buylamine" should be -- butylamine --
Line 50, "2propanol" should be -- 2-propanol --
Line 55, "45.40°" should be -- 45.4° --
Lines 57-58, "cyclopentyl(4-methoxyphenyl)-" should be -- cyclopentyl-6-(4-methoxyphenyl)- --

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Column 37,
Lines 14-15, "-6-3-chloro-" should be -- -6-(3-chloro- --
Line 28, "[3,4b]" should be -- [3,4-b] --
Line 36, "Cl 8.33." should be -- Cl, 8.33; --
Lines 39-40, "-6-3-chloro-" should be -- -6-(3-chloro- --
Line 49, "H, 5.57.N," should be -- H, 5.57; N --
Lines 53-54, "Hexahydo-6-(2,3-dihydrobenzo[b]furan-5-yl" should be -- Hexahydro-6-(2,3-dihydrobenxo[b]furan-5-yl) --
Line 65, "dihydmbenzo" should be -- dihydrobenzo --

Column 38,
Line 22, "6-5-Indanyl)" should be -- -6-(5-indanyl) --
Line 66, "-6-3,4-" should be -- -6-(3,4- --

Column 39,
Line 30, "[3,4b]" should be -- [3,4-b] --

Column 40,
Line 20, "(6R, 12aR)2," should be -- (6R, 12aR)-2, --
Line 21, "-6-t3,4-" should be -- -6-(3,4- --
Lines 34 and 46, "-6-3,4-" should be -- -6-(3,4- --
Lines 57-58, "-6-3,4-methylenedioxypheny)-2(2-" should be -- -6-(3,4-methylenedioxyphenyl)-2-(2- --
Line 59, "1,4-ione" should be -- 1,4-dione --

Column 41,
Line 37, "-6-5(N-" should be -- -6-(5-(N- --

Column 42,
Line 10, "(6RP" should be -- (6R, --
Lines 23-24, "12-3,4-methylenedioxyphenyl)-pyrolo[1"2":4',5']" should be -- 12-(3,4-methylenedioxyphenyl)-pyrolo[1",2":4',5'] --
Line 27, "methano" should be -- methanol --
Line 28, "PdC" should be -- Pd-C --
Line 41, "-12-3,4-" should be -- -12-(3,4- --
Line 49, "dichloromethanelmethanol" should be -- dichloromethane/methanol --

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Column 43,
Lines 1 and 23, "methanol 99/1." should be -- methanol: 99/1. --
Line 21, "(2,25 mL)" should be -- (2.25) mL) --
Line 36, "ethano" should be -- ethanol --
Line 62, "-61.1°" should be -- +61.1° --

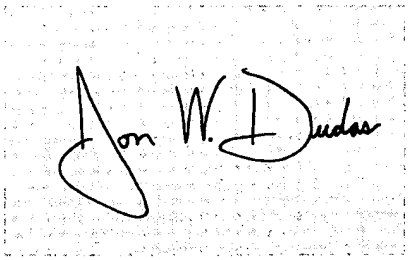
Column 44,
Line 44, "and for" should be -- and/or --

Column 45,
Line 63, "250; ug/ml 5'Nucieotidase," should be -- 250ug/ml 5'Nucleotidase --

Column 46,
Line 6, "101μM." should be -- 10 μM. --

Signed and Sealed this

Thirty-first Day of May, 2005



JON W. DUDAS
Director of the United States Patent and Trademark Office